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TRANSMITTAL O		Docket No. PM 99.061			
In Re Application Of:	Craig S. Calvert, Glen W. Bishop,	Yuan-Zhe Ma, Tingting Y	ao, J. Line	coln Foreman.	
	t C. Dawson and Thomas A. Jone		·	,	
Serial No.	Filing Date	Examiner		Group Art Unit	
09/934,320	August 21, 2001	Unknown		2123	
Title: METHOD FOR COPE	ONSTRUCTING 3D GEOLOGI	C MODELS BY COMBIN		TIPLE FREQUENCY	
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THADE	37 C	FR 1.97(b)			
of a national app three months of application; befo	Disclosure Statement submitted olication other than a continued the date of entry of the national re the mailing of a first Office Ac iling of a request for continued ex	prosecution application u stage as set forth in 37 C tion on the merits, or befo	inder 37 (FR 1.491 re the ma	CFR 1.53(d); within	
	37 C	FR 1.97(c)			
CFR 1.97(b), pro Final Action und	Disclosure Statement submitted ovided that the Information Disc der 37 CFR 1.113, a Notice of prosecution in the application, a	losure Statement is filed FAllowance under 37 CF	before the	e mailing date of a	
☐ the statem	ent specified in 37 CFR 1.97(e);				
	OR				
☐ the fee set	forth in 37 CFR 1.17(p).				

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))

Docket No. PM 99.061

In Re Application: Craig S. Calvert, Glen W. Bishop, Yuan-Zhe Ma, Tingting Yao, J. Lincoln Foreman, Keith B. Sullivan, Dwight C. Dawson and Thomas A. Jones

Serial No.

Filing Date

Examiner

Group Art Unit

09/934,320

August 21, 2001

Unknown

2123

METHOD FOR CONSTRUCTING 3D GEOLOGIC MODELS BY COMBINING MULTIPLE

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Technology Center 2100

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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ExxonMobil Upstream Research Company

P. O. Box 2189

Houston, Texas 77252-2189

(713) 431-7994 Telephone

(713) 431-4664 Facsimile

Dated: March 13, 2002

CC: JAJ, LVA

				Docket Number (Optional) PM 99.061		Application Number 09/934,320						
O INFORMATION DISCLOSURE CITATION				Applicant(s) Craig S. Calvert et al.								
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U.S. PATENT DOCUMENTS												
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		Brigham, E. Oran, 197	4,"The Fast Four	ier Transfo	orm", (Prentice-Hall, Inc.,	, New Jersey)	, pg. 6.	<u> </u>				
		David, Michel, 1997, "	David, Michel, 1997, "Geostatistical Ore Reserve Estimation", (Elsevier, New York), pg. 364.									
EXAMINER				DATE CONSIDERED								
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Docket Number (Optional) Application Number PM 99.061 09/934,320 Applicant(s) INFORMATION DISCLOSURE CITATION Craig S. Calvert et al. (Use several sheets if necessary) Filing Date Group Art Unit 08/21/2001 2123 *EXAMINER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) INITIAL Deutsch, Clayton V. and Journel, Andre G., 1992, GSLIB: "Geostatistical Software Library and User's Guide", (Oxford University Press, New York), pp. 340-347. Denver, Larry E. et al., Feb. 1990, "Stratigraphic Geocellular Modeling", (Geobyte), pp. 45-47. Denver, Larry E. and Phillips, Danny C., 1992, "The Impact of Vertical Averaging on Hydrocarbon Volumetric Calculations-A Case Study", (Amer. Assoc. Petroleum Geology, Tulsa), pp. 219-234. Hardy, H. H. and Beier, R. A., 1994, "Integration of Large - and Small-Scale Data Using Fourier Transforms", (ECMORIV Conference, Roros, Norway), pp. 1-20. Huang, Xuri and Kelkar, Mohan, 1996, "Integration of Dynamic Data for Reservoir Characterization in the Frequency Domain", SPE 36513, (SPE Annual Tech. Conf. and Exhib., Colorado), pp. 209-219. Jones, Thomas A., Feb. 1988, "Modeling Geology in Three Dimensions", (Geobyte), pp. 14-20. Pendrel, J. V. and Riel, Paul V., 1997, "Estimating Porosity from 3D Seismic Inversion and 3D Geostatistics", (6th Ann. Int'l Mtg. Soc. Expl. Geophys., Expanded Abstracts), pp. 834-837. Sheriff, R. E. and Geldart, L. P., 1985, "Exploration Seismology - Vol. II, Data Processing and Interpretation", (Cambridge University Press, Cambridge), pp. 188-189 Torres-Verdin, Carlos, et al., March 1999, "Trace-Based and Geostatistical Inversion of 3-D Seismic Data for Thin-Sand Delineation: An Application in San Jorge Basin, Argentina", (The Leading Edge), pp. 1070-1077. Yao, Tingting, 1998, "Conditional Spectral Simulation with Phase Identification" (Mathematical Geology, Vol. 30., No. 3), pp. 285-308. Yao, Tingting, 1999, "Scale Matching with Factorial Kriging for Improved Porosity Estimation from Seismic Data", (Mathematical Geology, Vol. 31, No. 1) pp. 23-46. DATE CONSIDERED **EXAMINER**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and

not considered. Include copy of this form with next communication to applicant.